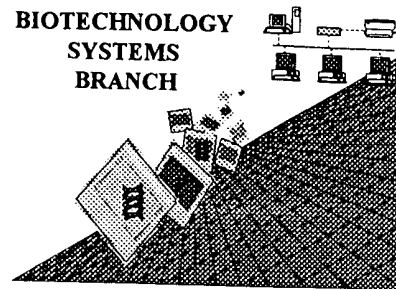


Johnson

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



FILE COPY

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/892,695

Art Unit / Team No. : 1642

Date Processed by STIC: 8/26/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

08/892,695

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

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1642

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/892,695

DATE: 08/26/1999
TIME: 11:47:11

Input Set: H892695.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

Does Not Comply
Corrected Diskette Needed

pp. 53

1 <110> APPLICANT: Gray, Joe W
2 Collins, Collin
3 Hwang, Soo In
4 Godfrey, Tony
5 Kowel, David
6 Rommens, Johanna
7 <120> TITLE OF INVENTION: GENES FROM THE 20Q13 AMPLICON AND THEIR USES
8 <130> FILE REFERENCE: 2500.124US3
9 <140> CURRENT APPLICATION NUMBER: US/08/892,695
10 <141> CURRENT FILING DATE: 1997-07-15
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12 <151> EARLIER FILING DATE: 1997-01-17
13 <150> EARLIER APPLICATION NUMBER: 08/731,499
14 <151> EARLIER FILING DATE: 1996-10-16
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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/892,695

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see
item 10
in
summary
sheet

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/892,695

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217      cactgggggtg aaggtggagc tttcagggtc tcccgtaaat gcagctgagt tttctttggc 120
218      agggaattta ccagctgaag aaagcctgcc ggcgagagct acaaaactgag caaggccagc 180
219      tgctcacacc cgaggaggtc gtggacagga tcttctcctt ggtggatgag aatggagatg 240
220      gtaagagggg cagagatggg gagagtgtct tccactctgc atcatcgcca ctttctggcc 300
221      gcacgtcctt gggcaaggcc ctccaccttc caaccctggg gtctctatct gtgagaaggc 360
222      tgtggagaag atgtcatgaa ctaacaaagg gactcatgag cactgttttg taggagtgc 420
223      taaaagtcct acaggagtgt ctgatggagg ccaggcacgc agaatagaaa gaataggaac 480
224      tttggagtca ggcaggaggt gatatttga gcttctcgtc ctagtctcaa tttctctatc 540
225      tggaaaatgg ggataataat agtggttgag aggaatgaat aggataatgt gtttaagagc 600
226      aggcataagg tagacctcca ttcaggctgc ttgggctttc ctccctgtag cccaaagccc 660
227      agcctcaggg ctatgtgggg agagagctgg cttggaatac acacttgagc cctccagctc 720
228      tctcagctcc acccagcatt tccgtggtag catgcgcaaa agtaaaactt caattcatca 780
229      gcaaagaaaag ccccttaaag gtggcaggag actcctggag attcagacac ctgacaagcc 840
230      gcaagcttga ggtctgagac tgcaggatag ttggcataag acgtgtaggc gcatcctggg 900
231      agcgaggtct ctctcctgct cccagacccc aggtctcccc ttcttctaca tgaccacctc 960
232      tcttccccct tgctcaggcc agctgtctct gaacgagttt gttgaagggtg cccgtcggga 1020
233      caagtgggtg atgaagatgc tgcagatgga catgaatccc agcagctggc tgcctcagca 1080
234      gagacggaaa agtgccatgt tctgaggagt ctggggcccc tccacgactc caggetcacc 1140
235      caggtttcca gggtagtagg aggggtcccc ggctcagcct gctcatgccc actcttcccc 1200
236      tgggtgtgac ttcctggcac cccctgtgca gggctgagtg gggatgggga agggctgctg 1260
237      gggttgaagt ggccaacagg gcatagtcca ttttggagga gtccctggga tgggtgaagg 1320
238      aattcagtta cttttcctgt tcagccgctc ctgggaggac tgtgccttgg ctgggtggtt 1380
239      gtggggctcc cacagtttct ggggtgttct agttggaagc aagagccaac tgaggggtga 1440
240      gggttcccaca gaccaaata gaaatgagaa cacaagactt ggtaggaggc aggggtggga 1500
241      ggggtgttag actgaagaaa aggcaggagt tgccgggcac ggtggctcac gcctgtaatc 1560
242      ccagcacttt gggaggccga ggcgggcaga tcacgagggtc aggagatcga gaccatcctg 1620
243      gctaacacgg ggtgaaaccc cgtctctact aaaaatacaa aaaatcagcc gggtagggtg 1680
244      gcgggcgcct gtagtcccag ctactcagga ggctgaacaa agagaatggc gtgaacccca 1740

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/08/892,695DATE: 08/26/1999
TIME: 11:47:11

Input Set: H892695.RAW

Line ? Error/Warning

Original Text

110 W "N" or "Xaa" used: Feature required
286 W "N" or "Xaa" used: Feature required
299 W "N" or "Xaa" used: Feature required
306 W "N" or "Xaa" used: Feature required
577 W "N" or "Xaa" used: Feature required
761 W "N" or "Xaa" used: Feature required
762 W "N" or "Xaa" used: Feature required
764 W "N" or "Xaa" used: Feature required
765 W "N" or "Xaa" used: Feature required
766 W "N" or "Xaa" used: Feature required
771 W "N" or "Xaa" used: Feature required
772 W "N" or "Xaa" used: Feature required
773 W "N" or "Xaa" used: Feature required
820 W "N" or "Xaa" used: Feature required

gagatgcctt gtcaatgaaa gggcccncctg ttgtcaat
ggggtaggga gggganagtt aacctgctgg ctgtgant
gaaatcagaa gtttaatatg acacaattaa atatattt
tggtcaatga agtgaattgt cctatttcng ggggt
Cys Gly Arg Xaa Xaa Xaa Xaa Pro Trp Phe L
ggcttaccac nactgccgtt aagtcgtgtn aagtcacc
ttctgcaaag gcaggagnca ctttctctcc agtgcctca
ggtgatattg naacatggta gggctgaccg tggctgtg
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnccca
taacaaaaat ttattggacc ccacacacnn nnnnnnnn
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnctct
tncaatatca ccgcagatgg cgagccttta ggccatgt